

$$\begin{cases} n_{2\mathbb{C}_n}^{\mathbb{C}} \\ n_{2\mathbb{H}_n}^{\mathbb{C}} \end{cases} = \begin{cases} \Gamma \in n_{2\mathbb{C}_n}^{\mathbb{C}} & \Gamma \overset{T}{\Gamma} = \frac{1}{0} \Big| \frac{0}{1} \\ \Gamma \in n_{2\mathbb{H}_n}^{\mathbb{C}} & \Gamma \frac{i}{0} \Big| \frac{0}{i} \quad \overset{*}{\Gamma} = \frac{i}{0} \Big| \frac{0}{i} \end{cases}$$

$$\sigma: \tau \in \mathbb{C}^U \Rightarrow \frac{\varkappa}{-i} \Big| \frac{-i}{\varkappa} \quad \frac{\bar{\sigma}}{0} \Big| \frac{0}{\bar{\tau}} \quad n_{\mathbb{C}^n}^{\mathbb{H}} \frac{\sigma}{0} \Big| \frac{0}{\tau} \quad \frac{\varkappa}{i} \Big| \frac{i}{\varkappa} \underset{\text{unit}}{=} n_{\mathbb{C}^n}^{\mathbb{H}} \cap n_{2\mathbb{C}_n}^{\mathbb{C}} \xrightarrow{\frac{0}{-1} \Big| \frac{1}{0}} n_{2\mathbb{C}_n}^{\mathbb{C}}$$

$$\begin{aligned} \Gamma \in n_{\mathbb{C}^n}^{\mathbb{H}} &\Rightarrow \frac{\varkappa \bar{\sigma}}{-i \bar{\sigma}} \Big| \frac{-i \bar{\tau}}{\varkappa \bar{\tau}} \quad \underset{\mathbb{C}}{\Gamma} \frac{\varkappa \sigma}{i \tau} \Big| \frac{i \sigma}{\varkappa \tau} \quad \overbrace{\frac{\varkappa \bar{\sigma}}{-i \bar{\sigma}} \Big| \frac{-i \bar{\tau}}{\varkappa \bar{\tau}} \quad \underset{\mathbb{C}}{\Gamma} \frac{\varkappa \sigma}{i \tau} \Big| \frac{i \sigma}{\varkappa \tau}}^t \\ &= \frac{\varkappa \bar{\sigma}}{-i \bar{\sigma}} \Big| \frac{-i \bar{\tau}}{\varkappa \bar{\tau}} \quad \underset{\mathbb{C}}{\Gamma} \quad \underbrace{\frac{\varkappa \sigma}{i \tau} \Big| \frac{i \sigma}{\varkappa \tau} \quad \frac{\varkappa \sigma}{\sigma i} \Big| \frac{i \tau}{\varkappa \tau}}_{\frac{0}{\varkappa i \sigma \tau} \Big| \frac{\varkappa i \sigma \tau}{0} = \frac{\varkappa i \sigma \tau}{0} \Big| \frac{0}{\varkappa i \sigma \tau} \quad \frac{1}{0} \Big| \frac{0}{-1} \quad \frac{0}{-1} \Big| \frac{1}{0}} \quad \underset{\mathbb{C}}{\Gamma} \frac{\varkappa \sigma}{i \tau} \Big| \frac{i \sigma}{\varkappa \tau} \\ &= \frac{\varkappa \bar{\sigma}}{-i \bar{\sigma}} \Big| \frac{-i \bar{\tau}}{\varkappa \bar{\tau}} \quad \frac{\varkappa i \sigma \tau}{0} \Big| \frac{0}{\varkappa i \sigma \tau} \quad \underset{\mathbb{C}}{\Gamma} \frac{1}{0} \Big| \frac{0}{-1} \quad \underbrace{\frac{0}{-1} \Big| \frac{1}{0}}_{= \underset{\mathbb{C}}{\overset{*}{\Gamma}} \frac{0}{-1} \Big| \frac{1}{0}} \quad \underset{\mathbb{C}}{\Gamma} \frac{\varkappa \sigma}{i \tau} \Big| \frac{i \sigma}{\varkappa \tau} \\ &= \frac{i \tau}{\varkappa \tau} \Big| \frac{\varkappa \sigma}{i \sigma} \quad \underbrace{\underset{\mathbb{C}}{\Gamma} \frac{1}{0} \Big| \frac{0}{-1} \quad \underset{\mathbb{C}}{\overset{*}{\Gamma}} \frac{0}{-1} \Big| \frac{1}{0}}_{= \frac{1}{0} \Big| \frac{0}{-1}} \quad \frac{\varkappa \sigma}{i \tau} \Big| \frac{i \sigma}{\varkappa \tau} = \frac{i \tau}{\varkappa \tau} \Big| \frac{\varkappa \sigma}{i \sigma} \quad \frac{1}{0} \Big| \frac{0}{-1} \quad \frac{0}{-1} \Big| \frac{1}{0} \quad \frac{\varkappa \sigma}{i \tau} \Big| \frac{i \sigma}{\varkappa \tau} = \frac{1}{0} \Big| \frac{0}{1} \end{aligned}$$

$$\begin{cases} n_{\mathbb{C}^n}^{\mathbb{H}} \times \frac{0}{-1} \Big| \frac{1}{0} = 0 \\ \frac{\varkappa \bar{\sigma}}{-i \bar{\sigma}} \Big| \frac{-i \bar{\tau}}{\varkappa \bar{\tau}} \quad \frac{0}{-1} \Big| \frac{1}{0} \quad \frac{\varkappa \sigma}{i \tau} \Big| \frac{i \sigma}{\varkappa \tau} = \bar{\sigma} \bar{\tau} \quad \frac{0}{-1} \Big| \frac{1}{0} \end{cases} \Rightarrow \frac{\varkappa \bar{\sigma}}{-i \bar{\sigma}} \Big| \frac{-i \bar{\tau}}{\varkappa \bar{\tau}} \quad n_{\mathbb{C}^n}^{\mathbb{H}} \frac{\varkappa \sigma}{i \tau} \Big| \frac{i \sigma}{\varkappa \tau} \times \frac{0}{-1} \Big| \frac{1}{0} = 0$$

